



Dart Hawkesbury
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada
Tel (613) 632-5200

Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name							
PO040489	THY001-VC	1	1	Net 30	M6061T6B1.000X04.000	6061-T6 Bar 1.00 X 4.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				36	7/19/2018	36		S094297	Stock	7/20/2018	\$ 14.35 / ft	0		\$516.50	Thyssenkrupp Materials CA Ltd							
		2			M6061T6B1.000X5.000	6061-T6 Bar 1.000 X 5.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				24		24		S094298	Stock	7/20/2018	\$ 17.93 / ft	0		\$430.42	Thyssenkrupp Materials CA Ltd							
		3			M6061T6B1.250X2.000	6061T6 Bar 1.250 X 2.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				12		12		S094299	Stock	7/20/2018	\$ 8.97 / ft	0		\$107.60	Thyssenkrupp Materials CA Ltd							
		4			M6061T6B3.000X01.500	6061-T6 Bar 3.00 X 1.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft							12		S094300	Stock	7/20/2018	\$ 16.14 / ft	0		\$193.69	Thyssenkrupp Materials CA Ltd						
Total:															84												\$942.53	

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thyssenkrupp Materials NA, 4700 chemin du Bois-Franc, Saint-Laurent, QC H4S 1A7

1. **Introduction**
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DATE:	07/19/2018
DOC. NO:	2406104009*
BOL. NO:	2406104009
ORDER NO:	1403719711
YOUR P/O:	PO040489
CUSTOMER NO:	10058125
Route:	303UA
CONTACT:	Lucy Truglio
TEL:	
FAX:	
EMAIL:	lucy.truglio@thyssenkrupp.com

MTR

ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER
REFERENCED ON IT

**** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER ****
**** REFERENCED ON IT ****

Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	NET QTY1	QTY2	PACKAG
0010	ALREC00750		3	1008822065
	6061 T6511 Aluminum Extruded Rectangular			PC
	1.00000 (+-.012) X 4.0000 (+-.034) X 144 Mill Length			
	Nominal Chemistry/Act Physical			171 lb
	Standard Packaging			
TAGNUM	QTY	UOMVEND	VENDPO	HILOT
1013988362	3	PC SERVICE C	5400404790	201811529
ROHS COMPLIANT;ASTM B 221 2014				
			PCS --- COM	3

Total Gross Weight 178.000 lb

All items, not declared as partial delivery, are final quantities.
Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID

DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE: 07/19/2018
DOC. NO: 2406104009*
BOL. NO: 2406104009
ORDER NO: 1403719711
YOUR P/O: PO040489
CUSTOMER NO: 10058125
Route: 303UA
CONTACT: Lucy Truglio
TEL:
FAX:
EMAIL: lucy.truglio@thyssenkrupp.com

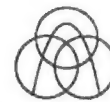
CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

*thyssenkrupp Matériaux NA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande et qui sont en vigueur à la date ou la commande a été acceptée./ thyssenkrupp Materials NA certifies that the material described above is in accordance with the drawings or specifications called for on said order that are current on the date order was accepted

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David Noordine - Director of Quality Assurance





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DELIVERY NOTE



DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE: 07/19/2018
DOC. NO: 2406103778*
BOL. NO: 2406103778
ORDER NO: 1403719711
YOUR P/O: PO040489
CUSTOMER NO: 10058125
Route: 303-A
CONTACT: Lucy Truglio
TEL:
FAX:
EMAIL: lucy.truglio@thyssenkrupp.co
m

SHIP DOMESTIC MAT'L ONLY
MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

AMS-Q-A-225/8 OR ASTM B211, B221
FOR ALL ITEMS

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** REFERENCED ON IT **

Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAG
0010	ALREC00177	2	1008824726
	6061 T6511 Aluminum Extruded Rectangular		PC
	1.00000 (+-.012) X 5.0000 (+-.034) X 144 Mill Length		
	Nominal Chemistry/Act Physical		142 lb
	Standard Packaging		
TAGNUM	QTY	UOMVEND	VENDPO
2001391272	2	PC SERVICE C	5400404027
			201807432
	SAE AMS-QQ-A-200/8 1997;ROHS COMPLIANT;ASTM B 221 2014		

Total Gross Weight 150.000 lb

All items, not declared as partial delivery, are final quantities.

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID



DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE:	07/19/2018
DOC. NO:	2406103778*
BOL. NO:	2406103778
ORDER NO:	1403719711
YOUR P/O:	PO040489
CUSTOMER NO:	10058125
Route:	303-A
CONTACT:	Lucy Truglio
TEL:	
FAX:	
EMAIL:	lucy.truglio@thyssenkrupp.com

CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

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David Noordine - Director of Quality Assurance

A handwritten signature in black ink, appearing to be 'D. Noordine', with a stylized flourish at the end.



thyssenkrupp Materials NA, 4700 chemin du Bois-Franc, Saint-Laurent, QC H4S 1A7

DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7



DATE: 07/19/2018
DOC. NO: 2406103779*
BOL. NO: 2406103779
ORDER NO: 1403719711
YOUR P/O: PO040489
CUSTOMER NO: 10058125
Route: 303-A
CONTACT: Lucy Truglio
TEL:
FAX:
EMAIL: lucy.truglio@thyssenkrupp.co
m

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FOR ALL ITEMS

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** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

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ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAG
0010	ALRECO0726		1008824730
	6061 T6511 Aluminum Extruded Rectangular	1 PC	
	1.25000 (+-.008) X 2.0000 (+-.008) X 144 Mill Length	35	
	Nominal Chemistry/Act Physical	lb	
	Standard Packaging		
TAGNUM	QTY	UOMVEND	VENDPO
2001391273	1	PC	SERVICE C
SAE AMS-QQ-A-200/8 1997;ROHS COMPLIANT;ASTM B 221 2014		5400404995	201808002
		PCS	---
		1	COM

Total Gross Weight 35.000 lb

All items, not declared as partial delivery, are final quantities.

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID

DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE:	07/19/2018
DOC. NO:	2406103779*
BOL. NO:	2406103779
ORDER NO:	1403719711
YOUR P/O:	PO040489
CUSTOMER NO:	10058125
Route:	303-A
CONTACT:	Lucy Truglio
TEL:	
FAX:	
EMAIL:	lucy.truglio@thyssenkrupp.com

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David Noordine - Director of Quality Assurance





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DELIVERY NOTE



DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE: 07/19/2018
DOC. NO: 2406103780*
BOL. NO: 2406103780
ORDER NO: 1403719711
YOUR P/O: PO040489
CUSTOMER NO: 10058125
Route: 303-A
CONTACT: Lucy Truglio
TEL:
FAX:
EMAIL: lucy.truglio@thyssenkrupp.co
m

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TO SHIPPING.

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** REFERENCED ON IT **

AMS-Q-A-225/8 OR ASTM B211, B221
FOR ALL ITEMS

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Deliveries are carried out for your account and risk acc. to our Gen. Terms & Cond. of Delivery and Payment.

ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAG
0010	ALREC00275		1 1008824732
	6061 T6511 Aluminum Extruded Rectangular		PC
	1.50000 (+-.014) X 3.0000 (+-.024) X 144 Mill Length		65
	Nominal Chemistry/Act Physical		lb
	Standard Packaging		
TAGNUM	QTY	UOMVEND	VENDPO
2001391274	1	PC SERVICE C	5400400633
SAE AMS-QQ-A-200/8 1997;ROHS COMPLIANT;ASTM B 221 2014			
		HLOT	201809005
		PCS	---
		COM	

Total Gross Weight 65.000 lb

All items, not declared as partial delivery, are final quantities.

Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID

thyssenkrupp Materials NA, 4700 chemin du Bois-Franc, Saint-Laurent, QC H4S 1A7

DELIVERY NOTE

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7

DATE: 07/19/2018
DOC. NO: 2406103780*
BOL. NO: 2406103780
ORDER NO: 1403719711
YOUR P/O: PO040489
CUSTOMER NO: 10058125
Route: 303-A
CONTACT: Lucy Truglio
TEL:
FAX:
EMAIL: lucy.truglio@thyssenkrupp.com

CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

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David Noordine - Director of Quality Assurance





Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040489**

Supplier: THY001-VC
Thyssenkrupp Materials CA Ltd
O/A VPK Metal- c/o T27540
PO Box 4275, Postal "A"
Toronto
ON
M5W 5V8 Canada
Phone: 905 669 9444
Fax: 905 738 9033

PO No: PO040489

PO Date: 7/13/18

Due Date: 7/19/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
JUL 13 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments: quote no. 1203189850

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		M6061T6B1.000X04.000		6061-T6 Bar 1.00 X 4.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	-	7/19/18	36 ft	0 ft	36 ft	\$14.347222/ft	\$516.50
2		M6061T6B1.000X5.000		6061T6 Bar 1.000 X 5.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	-	7/19/18	24 ft	0 ft	24 ft	\$17.934166/ft	\$430.42
3		M6061T6B1.250X2.000		6061T6 Bar 1.250 X 2.000 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	-	7/19/18	12 ft	0 ft	12 ft	\$8.966666/ft	\$107.60

Plex 7/13/18 2:00 PM dart.lavoie.chantal

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4 ✓ H		M6061T6B3.000X01.500		6061-T6 Bar 3.00 X 1.50 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed -		7/19/18	12 ft	0 ft	12 ft	\$16.140833/ft	\$193.69

Grand Total: \$1,248.21

Order Notes
<p>Procurement Quality Clauses</p> <p>A005 right of entry</p> <p>A012 chemical and physical test report</p> <p>A016 personnel qualification</p> <p>A017 raw material identification (as applicable)</p> <p>A026 certification of material conformance</p> <p>A041 quality management system</p> <p>A042 dart notification by supplier</p> <p>A043 retention of quality documents</p> <p>A048 counterfeit parts avoidance, detection, mitigation and disposition program</p> <p>A049 supplier awareness</p> <p>Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.</p>

Plex 7/13/18 2:00 PM dart.lavoie.chantal



QUOTE

thyssenkrupp Materials NA 4700 chemin du Bois-Franc, Saint-Laurent, QC H4S 1A7

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

TEL: 613-632-5200
FAX: 613-632-5246

DATE: 07/11/2018
QUOTE NO: 1203189850
YOUR INQUIRY:
ATTENTION TO: Chantal
TEL: 613-632-5200
CUSTOMER NO: 10058125
DEPARTMENT: CAN MTL INS 01
CONTACT: Lucy Truglio
TEL:
FAX:
EMAIL: lucy.truglio@thyssenkrupp.com

PAGE 1 OF 2

Thank you for allowing us to quote on your requirement. Delivery contingent upon date ordered.

Valid from 07/11/2018 until 07/12/2018

Delivery Address

DART AEROSPACE LTD, 1270 ABERDEEN ST, HAWKESBURY, ON K6A 1K7, CANADA
Unloading Point: UNLOAD POINT 1

Earliest Delivery Date: 07/16/2018

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0010	SSRD01099 T-303 Stainless Steel Round 2.5000 " (+-.003) X 48 RBW Cutting - Standard +.125 Cut To Length 48.0000 " 1 ASTM A 484/A 484M 2016 ASTM A 582/A 582M 2012 ROHS COMPLIANT SAE AMS 5640 V Actual Chemistry/Act. Physical Standard Packaging CERTS MUST INCLUDE TENSILE, YIELD, ELONGATION, AND REDUCTION OF AREA	1 66.648	PC LB	246.00 CAD 1 PC	246.00
0020	SSFLR00026 T-304/304L Stainless Steel 2B Sheet 11 Gauge X 0.12000 (+-.007) X Width 48.0000 X Length 96 ASME SECT II A SA-240(M) 2007 ASTM A 240/A 240M 2017 ROHS COMPLIANT Actual Chemistry/Act. Physical Standard Packaging	1 160.358	PC LB	3.05 CAD 1 LB	489.09



QUOTE

thyssenkrupp Materials NA, 4700 chemin du Bois-Franc, Saint-Laurent, QC H4S 1A7

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 07/11/2018
QUOTE NO: 1203189850
YOUR INQUIRY:
ATTENTION TO: Chantal
TEL: 613-632-5200

PAGE 2 OF 2

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0030	OFFERING 48 X 120				
	ALFLR00127	1	PC	3.25 CAD	72.63
	5052 Aluminum H32 Sheet	22.349	LB	1 LB	
	0.04000 (+-.003) X Width 48.0000 X Length 120				
	ASTM B209 2014 ROHS COMPLIANT Nominal				
	Chemistry/Act Physical				
	Standard Packaging				
	Packaging 1				35.00
	Item total:				107.63
0040	ALRD00192	2	PC	3.25 CAD	112.48
	6061 T6511 Aluminum Extruded Round	34.608	LB	1 LB	
	1.2500 (+-.005) X 144 " Mill Length				
	ASTM B 221 2014 ROHS COMPLIANT SAE				
	AMS-QQ-A-200/8 1997 Nominal Chemistry/Act				
	Physical				
	Standard Packaging				
	Weight total	283.963	LB		
	Items total				955.20
	Net Amount				955.20
	GST				124.17
	TOTAL				1,079.37

Payment Terms: Within 30 days without deduction
Delivery Terms: PPD (gem. Incoterms 2000) PREPAID
Shipping Condition: Third Party LTL (CC)

COMPUTER GENERATED OFFER AND VALID WITHOUT SIGNATURE.

Please review the above items for accuracy.
Prices are quoted as price in effect at time of shipment.
Our standard terms and conditions apply should this quote become an order.

For terms and conditions please refer to website at <http://www.tkmna.com/tkmna/Resources/CustomerService/index.html>

Any obvious damage must be noted on the material delivery documentation at the time of receipt.

Tax exemption status documentation must be forwarded to credit department prior to order approval.
All returned material subject to restock charge



QUOTE

thyssenkrupp Materials NA, 4700 chemin du Bois-Franc, Saint-Laurent, QC H4S 1A7

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

TEL: 613-632-5200
FAX: 613-632-5246

DATE: 07/11/2018
QUOTE NO: 1203189853
YOUR INQUIRY:
ATTENTION TO: CHANTAL
TEL: 613-632-5200
CUSTOMER NO: 10058125
DEPARTMENT: CAN MTL INS 01
CONTACT: Lucy Truglio
TEL:
FAX:
EMAIL: lucy.truglio@thyssenkrupp.com

PAGE 1 OF 3

Thank you for allowing us to quote on your requirement. Delivery contingent upon date ordered.

Valid from 07/11/2018 until 07/12/2018

Delivery Address

DART AEROSPACE LTD, 1270 ABERDEEN ST, HAWKESBURY, ON K6A 1K7, CANADA
Unloading Point: UNLOAD POINT 1

Earliest Delivery Date: 07/13/2018

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0010	ALREC00173 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+-.012) X 2.0000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging	2 56.448	PC LB	3.05 CAD 1 LB	172.17
0020	ALREC00750 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+-.012) X 4.0000 (+-.034) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging	3 169.344	PC LB	3.05 CAD 1 LB	516.50
0030	ALREC00177 6061 T6511 Aluminum Extruded Rectangular 1.00000 (+-.012) X 5.0000 (+-.034) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging	2 141.120	PC LB	3.05 CAD 1 LB	430.42

QUOTE

thyssenkrupp Materials NA 4700 chemin du Bois-Franc, Saint-Laurent, QC H4S 1A7

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 07/11/2018
QUOTE NO: 1203189853
YOUR INQUIRY:
ATTENTION TO: CHANTAL
TEL: 613-632-5200

PAGE 2 OF 3

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0040	ALREC00726 6061 T6511 Aluminum Extruded Rectangular 1.25000 (+-.008) X 2.0000 (+-.008) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging	1 35.280	PC LB	3.05 CAD 1 LB	107.60
0050	ALREC00203 6061 T6511 Aluminum Extruded Rectangular 0.37500 (+-.008) X 0.7500 (+-.010) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging	1 3.972	PC LB	55.00 CAD 1 PC	55.00
0060	ALREC00800 6061 T6511 Aluminum Extruded Rectangular 0.50000 (+-.009) X 2.0000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging	1 14.112	PC LB	55.00 CAD 1 PC	55.00
0070	ALREC00467 6061 T6511 Aluminum Extruded Rectangular 0.75000 (+-.012) X 2.0000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging	1 21.168	PC LB	3.05 CAD 1 LB	64.56



QUOTE

thyssenkrupp Materials NA 4700 chemin du Bois-Franc, Saint-Laurent, QC H4S 1A7

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY ON K6A 1K7
Canada

DATE: 07/11/2018
QUOTE NO: 1203189853
YOUR INQUIRY:
ATTENTION TO: CHANTAL
TEL: 613-632-5200

PAGE 3 OF 3

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM UOM UOM	PRICE CUR PER UOP	TOTAL CAD
0080	ALREC00275 6061 T6511 Aluminum Extruded Rectangular 1.50000 (+-.014) X 3.0000 (+-.024) X 144 Mill Length ASTM B 221 2014 ROHS COMPLIANT SAE AMS-QQ-A-200/8 1997 Nominal Chemistry/Act Physical Standard Packaging	1 63.504	PC LB	3.05 CAD 1 LB	193.69
	Weight total	504.948	LB		
	Items total				1,594.94
	Net Amount				1,594.94
	GST				207.34
	TOTAL				1,802.28

16.140833

Payment Terms: Within 30 days without deduction
Delivery Terms: PPD (gem. Incoterms 2000) PREPAID
Shipping Condition: Third Party LTL (CC)

COMPUTER GENERATED OFFER AND VALID WITHOUT SIGNATURE.

Please review the above items for accuracy.
Prices are quoted as price in effect at time of shipment.
Our standard terms and conditions apply should this quote become an order.

For terms and conditions please refer to website at <http://www.tkmna.com/tkmna/Resources/CustomerService/index.html>

Any obvious damage must be noted on the material delivery documentation at the time of receipt.

Tax exemption status documentation must be forwarded to credit department prior to order approval.
All returned material subject to restock charge

B	MOVE TO A-1 POSITION RE-FORMAT NOTES AND ADD NEW ISSUE (EN 7/1)	03 OF 13	
A	NEW ISSUE	01 OF 08	
REV #	DESCRIPTION	BY	DATE
	DESIGN	DS	
	DRAWN	<i>[Signature]</i>	
	CHECKED	<i>[Signature]</i>	
	MFG APPR	<i>[Signature]</i>	
	APPROVED	<i>[Signature]</i>	
	DE APPR	<i>[Signature]</i>	
DATE	09.07.13		

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061-76B1.000x4.00

PO / BATCH NO.: P0040489

DATE: 18/07/20

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 1.000"

QUANTITY RECEIVED: 36'

THICKNESS RECEIVED: 1.200"

QUANTITY INSPECTED: 36'

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>W</u>	
CORRECT FINISH	<u>Y</u>	N	
CORROSION	Y	<u>N</u>	
CORRECT GRAIN DIRECTION	<u>Y</u>	N	
CORRECT MATERIAL PER M-DRAWING	<u>Y</u>	N	<u>AMS-QQ-A-2008</u>
CORRECT THICKNESS	<u>Y</u>	N	
PHOTO REQUIRED	Y	<u>N</u>	
CORRECT REF # TO LINK CERT	<u>Y</u>	N	<u>HT: 20181529</u>
CORRECT MATERIAL IDENTIFICATION	<u>Y</u>	N	
CORRECT M# ON THE MATERIAL	<u>Y</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____	
DATE: <u>18/07/20</u>	DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Service Center Metals

5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
953011	1

BILL TO

ThyssenKrupp Materials NA

MANIFEST NUMBER

369300

DIE NUMBER

MRE0479

DATE OF SHIPMENT

6/6/2018

CERTIFICATION

ASTM-B221-14 StencilCont

SHIP TO

ThyssenKrupp Materials NA-St Laurent, QC

CUSTOMER PO

5400404027

ALLOY & TEMPER

6061-T6511

SALESPERSON

D. Schroeder (Canada)

SPECIFICATION

SAC AMIS-QQA-200/8A Stabilized

RoHS 2011/65/EU Compliant

Quantity Certified 5,985 lbs 84 pcs

CUSTOMER PART NUMBER ALREC00177

DESCRIPTION MQRB 1.000x5.000

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

SCM is ISO 9001-2015 certified

This product is RoHS-2, REACH, and DfARS compliant.

Mechanical Properties

Tests Lot No.

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
2	201805277	3/20/18	min 51.00 max 51.80	min 47.60 max 48.80	min 15.00 max 15.70
3	201806399	4/10/18	49.90 50.10	46.00 46.30	16.80 18.30
2	201807432	4/27/18	47.70 48.20	44.20 44.80	18.20 18.50
1	201808102	5/3/18	49.60 49.60	45.90 45.90	16.70 16.70
2	201808719	5/11/18	50.60 50.70	47.20 47.30	17.40 18.40
2	201809795	5/22/18	50.90 51.10	46.70 47.00	17.10 17.30
2	201809995	5/27/18	50.80 51.40	47.40 47.70	16.00 17.10
4	201810456	6/1/18	50.20 52.20	46.20 48.50	14.00 16.10

SCM products are melted and extruded in the USA

Calvin J. Wiggins, Director of Quality & Technical Services

Rev 3/14/2018

Print Date: 6/6/2018

From: TK Materials CA, Ltd.

Cust. DART AEROSPACE LTD

CstAr

Wgt.: 142 LB

Del.: 2406103778

CstOr PO040489

Date 07/18/2018

Thomas Sanchez



Service Center Metals

5850 Quality Way
Prince George, VA 23875

Can Do.

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
953011	1

BILL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT	CERTIFICATION
ThyssenKrupp Materials NA	369300	MRB0479	6/6/2018	ASTM-B221-14 StencilCont
SHIP TO	CUSTOMER PO	ALLOY / TEMPER	SALES PERSON	SPECIFICATION
ThyssenKrupp Materials NA-St Laurent, QC	5400404027	6061-T6511	D.Schroeder (Canada)	SAE AMS-QQA-200/8A Stabilized
Quantity Certified	CUSTOMER PART NUMBER	DESCRIPTION		SPECIFICATION
5,985 lbs	ALREC00177	MQRB 1.000x5.000		ROHS 2011/65/EU Compliant

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

SCM is ISO 9001-2015 certified

This product is RoHS-2, REACH, and DFARS compliant.

Chemical Composition for Aluminum Alloy 6061

SCM products are melted and extruded ... USA

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 6/6/2018

From: TK Materials CA, Ltd.

Cust. DART AEROSPACE LTD

Del.: 2406103778

CstOr PO040489

Date 07/18/2018

142 LB

Thomas Sanchez



Service Center Metals

5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
953011	1

BILL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT	CERTIFICATION
ThyssenKrupp Materials NA	369300	MRB0479	6/6/2018	ASTM-B221-14 StencilCont
SHIP TO	CUSTOMER PO	ALLOY / TEMPER	SALESPERSON	SPECIFICATION
ThyssenKrupp Materials NA-St Laurent, QC	5400404027	6061-T6511	D. Schroeder (Canada)	SAE AMS-QQA-200/8A Stabilized
Quantity Certified	CUSTOMER PART NUMBER	DESCRIPTION		SPECIFICATION
5,985 lbs	ALREC00177	MQRB 1.000x5.000		RoHS 2011/65/EU Compliant

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

SCM is ISO 9001-2015 certified

This product is RoHS-2, REACH, and DFARS compliant.

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Melt Source:
												Each	Total
001E180330B	201806399	6061	0.75	0.36	0.31	0.10	0.89	0.10	0.07	0.03	97.39	0.05	0.15
001E180404A	201806399	6061	0.74	0.37	0.32	0.11	0.90	0.10	0.10	0.03	97.34	0.05	0.15
001E180404B	201806399	6061	0.76	0.37	0.30	0.11	0.92	0.10	0.11	0.03	97.30	0.05	0.15
001E180428B	201808102	6061	0.74	0.37	0.32	0.10	0.91	0.11	0.08	0.03	97.34	0.05	0.15
001E180429A	201808102	6061	0.74	0.37	0.32	0.10	0.88	0.11	0.09	0.03	97.37	0.05	0.15
001E180516A	201809795	6061	0.74	0.38	0.32	0.10	0.89	0.10	0.06	0.03	97.38	0.05	0.15
001E180517Z	201809795	6061	0.74	0.38	0.29	0.10	0.87	0.10	0.06	0.03	97.45	0.05	0.15
001J180113Y	201807432	6061	0.77	0.44	0.33	0.10	0.91	0.11	0.07	0.03	97.24	0.05	0.15
001K180307B	201805277	6061	0.77	0.39	0.33	0.12	0.92	0.11	0.06	0.03	97.28	0.05	0.15
001K180311C	201805277	6061	0.75	0.38	0.33	0.10	0.93	0.11	0.06	0.03	97.31	0.05	0.15
001K180314A	201805277	6061	0.75	0.38	0.33	0.10	0.91	0.11	0.09	0.03	97.31	0.05	0.15
001K180504K	201808719	6061	0.76	0.39	0.32	0.10	0.89	0.10	0.06	0.03	97.34	0.05	0.15
001K180518A	201809795	6061	0.74	0.36	0.31	0.10	0.88	0.10	0.06	0.03	97.43	0.05	0.15

SCM products

Manufactured and extruded in the USA

J. Wiggins, Director of Quality & Technical Services

Print Date 3/18

From: TK Materials CA, Ltd.

Customer: DART AEROSPACE LTD

Cast No:

Wgt.: 142 LB

Del.: 2406103778

Cast No: P0040489

Date: 07/18/2018

Thomas Sanchez



Can Do.

Service Center Metals

5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



BILL TO

ThyssenKrupp Materials NA

SHIP TO

ThyssenKrupp Materials NA-St Laurent, QC

Quantity Certified 5,985 lbs 84 pcs

MANIFEST NUMBER

369300

CUSTOMER PO

5400404027

CUSTOMER PART NUMBER

ALREC00177

DIE NUMBER

MIRB0479

ALLOY / TEMPER

6061-T6511

DESCRIPTION

MQRB 1.000x5.000

DATE OF SHIPMENT

6/6/2018

SALESPERSON

D. Schroeder (Canada)

CERTIFICATION

ASTM-B221-14 StencilCont

SPECIFICATION

SAE AMS-QQA-200/8A Stabilized
SPECIFICATION
RoHS 2011/65/EU Compliant

OUR ORDER NUMBER	ITEM
953011	1

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

SCM is ISO 9001-2015 certified

This product is RoHS-2, REACH, and DfARS compliant.

001K180520B	201810456	6061	0.75	0.37	0.32	0.11	0.88	0.11	0.07	0.03	97.37	0.05	0.15	United States of America
001K180524B	201810456	6061	0.77	0.40	0.34	0.11	0.85	0.11	0.06	0.03	97.33	0.05	0.15	United States of America
001M180417J	201807432	6061	0.73	0.37	0.31	0.11	0.89	0.11	0.08	0.03	97.37	0.05	0.15	United States of America
001M180506A	201808719	6061	0.75	0.37	0.33	0.11	0.89	0.11	0.06	0.03	97.37	0.05	0.15	United States of America
001M180524A	201810456	6061	0.75	0.37	0.32	0.11	0.88	0.10	0.06	0.03	97.38	0.05	0.15	United States of America
03121801	201805277	6061	0.74	0.36	0.31	0.11	0.87	0.08	0.09	0.02	97.42	0.05	0.15	United States of America
05211801	201809995	6061	0.72	0.38	0.30	0.10	0.88	0.08	0.07	0.03	97.44	0.05	0.15	United States of America
05211801	201810456	6061	0.72	0.38	0.30	0.10	0.88	0.08	0.07	0.03	97.44	0.05	0.15	United States of America

SCM products are melted and extruded in the USA

Caivin J. Wiggins, Director of Quality & Tech Services

Print Date: 3/6/2018

From: TK Materials CA, Ltd.
Cust. DART AEROSPACE LTD
CstAr
Wgt.: 142 LB

Del.: 2406103778
CstOr PO040489
Date 07/18/2018

Thomas Sanchez

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/1651/T6510/T651 T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/B OR AMS-QQ-A-225/B (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR AS IM B221

PART NUMBER: M6061T6B | T TTT | X | WWW WWW |
THICK | WIDTH

WHERE "T TTT" = THICKNESS IN INCHES
"WWW WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1 000X12.000

RELEASED
2009-05-05

B		REVISION REF-MAT NOT IN STD		09 07 13
A		NEW ISSUE		01 05 08
DESIGN		DS		DATE
DRAWN		HAWKINSBURY, ONTARIO, CANADA		
CHECKED		DRAFTING NO.		REV B
MFG. APPR.		M6061T6B		OFF. OF 1
APPROVED		TITLE		SCALE
DE APPR		6061-T6 BAR		NTS
DATE		09.07.13		
COPYRIGHT © 2001 BY DART AEROSPACE LTD				

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606176B1.000x5.000

PO / BATCH NO.: P0040481/S094298

DATE: 18/07/20

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 1.000"

QUANTITY RECEIVED: 24'

THICKNESS RECEIVED: 1.000"

QUANTITY INSPECTED: 24'

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(X)	N	
CORRECT MATERIAL PER M-DRAWING	(Y)	N	<u>AMS-QQ-A-2008</u>
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(N)	
CORRECT REF # TO LINK CERT	(Y)	N	<u>HT: 201807432</u>
CORRECT MATERIAL IDENTIFICATION	(Y)	N	
CORRECT M# ON THE MATERIAL	(Y)	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>AT</u>		SIGNED OFF BY: _____	
DATE: <u>18/07/20</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Service Center Metals

5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
953980	9

BILL TO

ThyssenKrupp Materials NA

MANIFEST NUMBER

371154

SHIP TO

ThyssenKrupp Materials NA-St Laurent, QC

CUSTOMER PO

5400404995

Quantity Certified 1,996 lbs 56 pcs

CUSTOMER PART NUMBER

ALREC00726

DATE OF SHIPMENT

MRB1792

ALLOY/TEMPER

6061-T6511

SALESPERSON

D. Schroeder (Canada)

CERTIFICATION

ASTM-B221-14 StencilCont

SPECIFICATION

SAE AMS-QQA-200/8A Stabilized

RoHS 2011/65/EU Compliant

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-16.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

SCM is ISO 9001-2015 certified

This product is RoHS-2, REACH, and DfARS compliant.

Mechanical Properties

Tests Lot No.

5 201808002
4 201810560

Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
5/4/18	min 49.60	min 45.80	min 15.80
6/6/18	max 53.30	max 50.30	max 18.20
	50.90	46.80	16.10
	51.20	47.30	17.50

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Melt Source:
001E180428B	201808002	6061	0.74	0.37	0.32	0.10	0.91	0.11	0.08	0.03	97.34	0.05	0.15
001K180427A	201808002	6061	0.75	0.37	0.32	0.10	0.89	0.11	0.07	0.03	97.37	0.05	0.15
05281803	201810560	6061	0.73	0.37	0.31	0.09	0.87	0.09	0.07	0.03	97.44	0.05	0.15
													United States of America
													United States of America
													United States of America

SCM products are made

extruded in the U.S.A.

Calvin J. V.

Director of Quality & Technical Services

Rev 3142018

Print Date: 6/22/2018

From: TK Materials CA, Ltd.

Cust. DART AEROSPACE LTD

CstAr

35 LB

Del.: 2406103779

CstOr PO040489

Date 07/18/2018

Thomas Sanchez

B	REMOVE OLD 200013 OPTION PL-0141 NOTIS ADD AS 12-142-141 12N 27-1	DS	DATE	09.07.13
A	NEW SCALE	BY	DATE	01.06.03
REV	DESCRIPTION			
DESIGN	DS			
DRAWN	pl			
CHECKED	AS			
MFG. APPR.	M6061176B			
APPROVED	TITLE			
DE APPR.	6061-T6 BAR			
DATE	09.07.13			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061 T6 B1.250x2.000
 DATE: 18/07/20

PO / BATCH NO.: P0040489 / S094299

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.250"
 THICKNESS RECEIVED: 1.250"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	N	<u>AMS QQA-2008</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	<u>MT: 201808002</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u> DATE: <u>18/07/20</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Service Center Metals

5850 Quality Way
Prince George, VA 23875

Can Do.

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



BILL TO ThyssenKrupp Materials NA SHIP TO ThyssenKrupp Materials NA-St Laurent, QC	MANIFEST NUMBER 367148 CUSTOMER PO 5400400633 CUSTOMER PART NUMBER ALREC00275	DIE NUMBER MRB0480 ALLOY / TEMPER 6061-T6511 DESCRIPTION MQRB 1.500x3.000	DATE OF SHIPMENT 5/15/2018 SALESPERSON D. Schroeder (Canada)	OUR ORDER NUMBER 950613 ITEM 8
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We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of this description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6.

All aluminum products supplied by Service Center Metals, LLC contain no functional mercury. Neither mercury nor its compounds are used in the manufacture of aluminum products at our facility. Furthermore, aluminum products supplied by Service Center Metals have not, to the best of our knowledge, contacted any source of mercury.

This product is RoHS-2, REACH, and DFARS compliant.

SCM is ISO 9001-2015 certified

Mechanical Properties

Tests	Lot No.	Test Date		Ultimate Tensile Strength (KSI)		Yield Strength (KSI)		Percent Elongation	
		min	max	min	max	min	max	min	max
3	201808720	51.50	52.80	47.80	49.30	16.00	17.30		
3	201809005	52.40	53.00	48.50	49.40	14.50	18.30		

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	AL	Others		Melt Source:
												Each	Total	
001K180503B	201808720	6061	0.74	0.37	0.34	0.11	0.94	0.11	0.05	0.02	97.33	0.05	0.15	United States of America
001K180509A	201809005	6061	0.74	0.38	0.32	0.11	0.89	0.11	0.09	0.03	97.35	0.05	0.15	United States of America
001M180510A	201809005	6061	0.74	0.38	0.32	0.11	0.89	0.11	0.06	0.03	97.37	0.05	0.15	United States of America

SCM product melted and extruded in the USA

Print Date 5/15/2018

C. van J. Wiggins, Director of Quality & Technical Services

From: TK Materials CA, Ltd.
Cust: DART AEROSPACE LTD
Cstar
Wgt.: 65 LB
Date: 07/18/2018
Cstar P0040489
Del.: 2406103780

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL M6061T6/T651/T6510/T6511/62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B | T TTT | X | WWW WWW | THICK | WIDTH

WHERE "T,TTT" = THICKNESS IN INCHES
"WWW WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-05-03
MD

B	REMOVE QD-A-250/11 OPTION REFORMA1 NOTES, ADD ASTM B211B22 (Zn D7-1)	C.P.	09 07 13
A	NEW ISSUE	DS	01 06 08
REV	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN			
CHECKED	<i>AS</i>		
MFG. APPR.	<i>MD</i>		
APPROVED	<i>MD</i>		
DE APPR.	<i>MD</i>		
DATE	09.07.13		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO M6061T6B	REV. B
TITLE 6061-T6 BAR	SHEET 1 OF 1
SCALE	NTS
COPYRIGHT © 2001 BY DART AEROSPACE LTD. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.	

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061-T6B 3.000x1.500

PO / BATCH NO.: P00404845094300

DATE: 18/07/20

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 2.000" 1.5000"

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: 2.000" 1.5000"

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	ASTM B221
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	MT: 201809005
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u> DATE: <u>18/07/20</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in